

===== WPI =====

TI - Strong acidic water for removing keratin from skin - has pH of below 3.5 and contains hypochlorous acid  
 AB - J09124431 Strong acidic water has pH value below 3.5.  
 - The water has over 3 of pH value and contains 0.5-2 ppm of hypochlorous acid. Aimed water is prepared by electrodialysing salt-added water.  
 - ADVANTAGE - The water has sufficient action of removing keratin without leaving any hazardous material on the skin. (Dwg.0/11)  
 PN - JP9124431 A 19970513 DW199729 A61K7/00 009pp  
 PR - JP19950308584 19951102  
 PA - (TTOC ) TOTO LTD  
 MC - D08-B09A  
 DC - D21  
 IC - A61K7/00 ;C02F1/46  
 AN - 1997-316436 [29]

===== PAJ =====

TI - STRONGLY ACIDIC WATER FOR REMOVING CORNEUM  
 AB - PROBLEM TO BE SOLVED: To obtain the subject water having a specific pH value and not injuring the skin.  
 - SOLUTION: This strongly acidic water for removing corneum is obtained by electrolyzing water incorporated with saline solution using an electrolyzer having a diaphragmless electrolytic tank. The water has  $\leq$ pH 3.5 and 0.5-2ppm hypochlorous acid concentration. This strongly acidic water, on its contact with the skin, reacts with organic matter on the skin, and is immediately neutralized into water, therefore, does not injure the skin even if left of the skin. Since the corneum removal by this strongly acidic water is not physically but chemically, it does not injure the skin. Concentration of the hypochlorous acid at  $\geq$ 0.5ppm in this water improves its corneum-removing potency, while at  $\leq$ 2ppm prevents skin injury due to the hypochlorous acid. This strongly acidic water as a corneum remover is less in possibility to injure the skin as compared to conventional face washes containing protease or abrasive.  
 PN - JP9124431 A 19970513  
 PD - 1997-05-13  
 ABD - 19970930  
 ABV - 199709  
 AP - JP19950308584 19951102  
 PA - TOTO LTD  
 IN - HIASA MASAMI;TAKESHITA AKEMI;HIRANO AYAKO;ANDO SHIGERU  
 I - A61K7/00 ;C02F1/46